

Aspose HTML Cloud SDK

This repository contains Aspose.HTML Cloud SDK source code. This SDK allows you to work with Aspose.HTML Cloud REST APIs in your applications quickly and easily.

See [API Reference](#) for full API specification.

How to use the SDK?

The complete source code is available in this repository folder, you can either directly use it in your project.

Requirements

- mac OS X 10.12.6
- XCode 9.2
- Swift 5.1 and later
- Alamofire 4.9.1 and later

Prerequisites

To use Aspose HTML for Cloud SDK you need to register an account with [Aspose Cloud](#) and lookup/create App Key and SID at [Cloud Dashboard](#). There is free quota available. For more details, see [Aspose Cloud Pricing](#).

Installation & Usage

Getting Started

Before create configuration, then use HtmlAPI or StorageAPI (see tests)

Possible conversions:

- HTML -> PDF, XPS, DOCX, MD, MHTML, JPEG, BMP, PNG, GIF, TIFF
- EPUB -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF
- MD -> PDF, XPS, DOCX, HTML, MHTML, JPEG, BMP, PNG, GIF, TIFF
- MHTML -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF

Example:

```
import Alamofire
import Foundation
import XCTest
import AsposeHtmlCloud

static let fm = FileManager.default
let resourceDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")
let resultDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")

func url(forResource fileName: String) -> URL {
    return resourceDir.appendingPathComponent(fileName)
}

func fileExist(name: String) -> Bool {
    return FileManager.default.fileExists(atPath: name)
}

ClientAPI.setConfig(
    basePath: "https://api.aspose.cloud/v4.0",
    authPath: "https://api.aspose.cloud/connect/token",
    apiKey: "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX",
    appSID: "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
    debugging: true
)
```

```
let fileName = "test1.html"
let src = url(forResource: fileName).absoluteString

let expectation = self.expectation(description: "testConvert to \(format)")
let dst = resultDir.appendingPathComponent("LocToLocDoc.\(format)").absoluteString
HtmlAPI.convertLocalToLocal(src: src, dst: dst, options: nil) { (data, error) in

    guard error == nil else {
        XCTFail("Error get convert html to \(format)). Error=\(error!.localizedDescription)")
        return
    }
    let resultPath = data!.file!
    XCTAssertTrue(fileExist(name: resultPath))
    expectation.fulfill()
}

self.waitForExpectations(timeout: testTimeout, handler: nil)
```

Documentation for API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

Class	Method	Description
HtmlAPI	convertLocalToLocal	Convert the HTML or EPUB document from local disk to a local disk.
HtmlAPI	convertLocalToStorage	Convert the HTML or EPUB document from local disk to user's storage.
HtmlAPI	convertStorageToLocal	Convert the HTML or EPUB document from user's storage to local disk.
HtmlAPI	convertStorageToStorage	Convert the HTML or EPUB document from user's storage to user's storage.
HtmlAPI	convertUrlToLocal	Convert the HTML document by URL to local disk.
HtmlAPI	convertUrlToStorage	Convert the HTML document by URL to user's storage.
HtmlAPI	convert	Convert the HTML, EPUB or URL to the specified format.

Documentation For Authorization

oauth

- **Type:** OAuth2
- **Flow:** application
- **Authorization URL:** "https://api.aspose.cloud/connect/token"
- **Scopes:** N/A

Examples

Test uses StorageApi for upload(download) file to(from) remote storage.

Documentation for Storage API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

Class	Method	Description
StorageAPI	deleteFile	Delete file
StorageAPI	downloadFile	Download file
StorageAPI	uploadFile	Upload file
StorageAPI	createFolder	Create the folder
StorageAPI	deleteFolder	Delete folder
StorageAPI	getFilesList	Get all files and folders within a folder
StorageAPI	getDiscUsage	Get disc usage
StorageAPI	objectExists	Check if file or folder exists
StorageAPI	storageExists	Check if storage exists

Documentation for Models

- [DiscUsage](#)
- [ErrorDetails](#)
- [FilesList](#)
- [FilesUploadResult](#)
- [FileVersion](#)
- [FileVersions](#)
- [ModelError](#)
- [ObjectExist](#)
- [StorageExist](#)
- [StorageFile](#)

[Tests](#) contain various examples of using the Aspose.HTML and Aspose.Storage SDK.